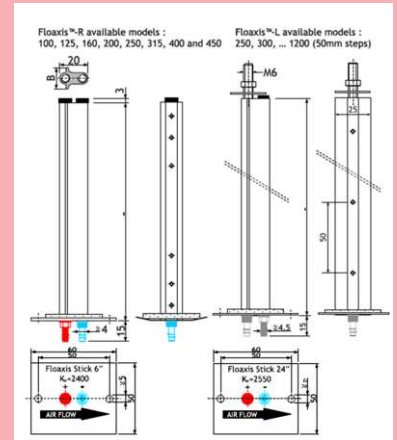
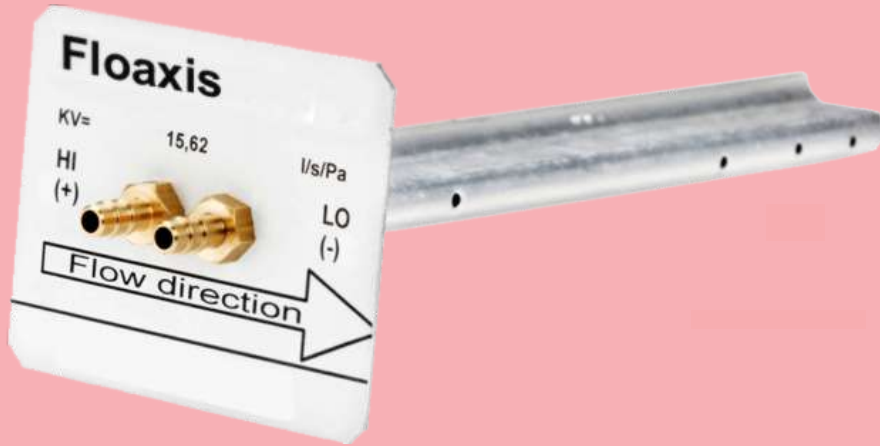


FLOAXIS



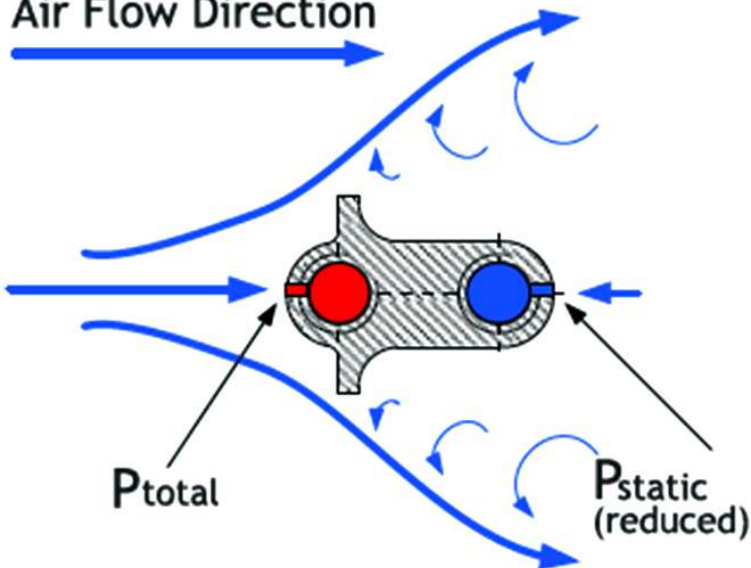
Application:

The Floaxis™ Stick is a differential air pressure device designed to measure air velocities in a duct. It includes multiple sensing points to measure total and static pressures. The Floaxis™ Stick incorporates a unique design to amplify the differential pressure by approximately 2.5 times for accurate measurement of lower air velocities down to 200 fpm. It is easy to install and cost effective.

Design Features:

- Multiple sensing points for greater accuracy
- Easy Installation
- Chamfered sensing points for consistent readings
- 2% Accuracy 2.5 signal amplification
- Accepts 1/4" OD tubing

Air Flow Direction



Models are available for various duct dimensions right from 100 MM to 1450 MM

How to generate a model?

Duct type

R is for Round duct

L is for Rectangular duct

Probe length (R = duct diameter, L= duct width in mm)

100, 125, 160, 200, 250, 315, 400, 450 for round ducts

250, 300... 1450 (50 mm steps) for rectangular ducts

For E.g.: Model R200 is for 200 MM dia duct for round duct & L250 is for 250 MM width & rectangular duct.

SPECIFICATIONS:

Accuracy: ±2.0 %

Media compatibility: Dry air or non-aggressive gases

Environment:

Operating temperature: 5...95 °C

Storage temperature: -20...95 °C

Humidity: 0 to 95 % rH, non-condensing

Physical Dimensions:

Probe:

< 200 mm: 15 x 20 x Length (mm)

≥ 200 mm: 25 x 20 x Length (mm)

Mounting plate: 60 W x 50 H x 1.5 D (mm)

Lengths:

Round: 100, 125, 160, 200, 250, 315, 400 and 450 mm

Rectangular: 250, 300... 1450 (50 mm steps)

Mounting: 2 each 5.0 mm screw holes.

Lengths XX and greater include 6 mm stud, washer, and nut to secure opposite end of the probe.

Materials:

Probe: T3015 aluminum

Mounting plate: Mild steel

Sealing gasket: expanded foam

Pressure fittings

4.5 mm barbed brass

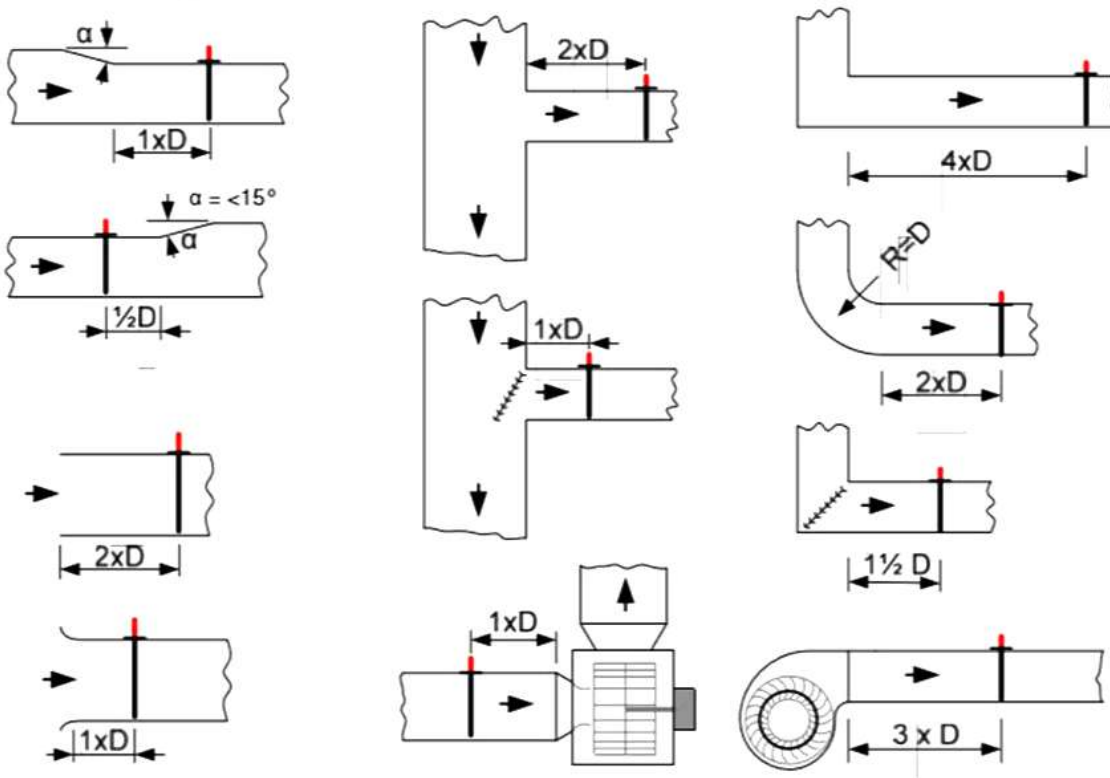
+ High pressure

- Low pressure

Mounting Instructions:

- Check that the Floaxis™ Stick size corresponds with the duct or terminal were it is installed.
- The Floaxis™ Stick is mounted in the duct by drilling a $\varnothing 25$ mm hole.
- Secure the opposite end with the provided threaded bolts.
- Check to make sure that the flow direction of the air in the duct corresponds with the arrow printed on the label of the Floaxis™ Stick.
- For round ducts, we recommend to install the Floaxis™ Stick diagonally in the duct to minimize the irregularities of the air flow patterns in the horizontal and vertical planes.
- For non-standard applications, please contact our office

Minimum straight duct approach



D = Duct diameter or equal diameter for round duct
 D = 0.8 of the longest size for rectangular duct

Mounting instructions rectangular units

